IT NEWS LETTER

DEPARTMENT OF INFORMATION TECHNOLOGY   January - June 2025

Department of Information Technology came into inception in the year 2002 with an approved intake of 60 students. The Department has well Qualified faculty members and well trained Non teaching staff. The Department has well equipped laboratories.

The programme of Bachelor of Engineering in Information Technology is being conducted in accordance to the course curriculum prescribed by University of Mumbai. Department has been NBA accredited from 2021-2024.

The college management has always encouraged the student fraternity by announcing scholarships and cash awards for meritorious students. They are also encouraged to join professional bodies for creating an awareness of the latest developments in their field of interest. The department has IETE Student Forum which started in 2008. Technical and Co-curricular activities are being conducted under IETE on regular basis.

The department of Information Technology has been in the fore front in organizing cultural and technical events both at intra and inters collegiate levels. Shaping industry compliant engineers has always been the primary objective of the department and hence Industrial visits and Seminars by industry eminent personalities is treated as a part of curriculum.

Vision and Mission of IT Department

VISION

To develop IT professionals for accomplishment of industrial & societal needs through quality education.

MISSION

- To impart advanced knowledge and develop skills in Information Technology and allied fields.
- To enhance professional competence by inculcating values and ethics.
- To upgrade technical skills and also encourage research culture.
- To extend industry and alumni association for knowledge enhancement.
- To nurture entrepreneurial talent and contribute towards socioeconomic growth.

Editors
Prof. Seema Redekar
Prof. Samundiswary S.

Program Educational Outcomes (PEOs)

Graduates will be able to:

PEO1: Compete in professional career with social and ethical responsibilities.

PEO2: Pursue higher studies / research in Engineering and Management.

PEO3: Become Entrepreneurs or software professionals to satisfy the latest Industrial requirements.

Program Specific Outcomes (PSOs)

PSO1: Students should be able to analyze, design and develop technological solution for a given scenario.

PSO2: Students should be able to involve themselves in life-long learning and cultivate skills for successful career, entrepreneurship and higher studies.

Department Activities

Department has organized various faculty development program and student development program during January 2025 to June 2025. Students are encouraged to publish their research work in reputed journals and to present in conferences.

Department Initiatives:

✓ To encourage students (SE/TE/BE) to persue National/International certification in emerging technology. 40% of the students from SE/TE/BE have completed the certification courses in the technologies such as Cloud Computing, Artificial Intelligence Fundamentals, Introduction to generative AI- cloud computing through MOOC platforms like AWS academy, Udemy, Coursera etc.

Academic/ Technical achievements of students:
Publications:

✓ Ms. Shreya, Mr. Atharv, and Mr. Varun from SE IT are selected for finals of the BluePrint (B-Plan Competition) hosted by eDC IIT Delhi organized at NMIMS, Mumbai on January 18, 2025. They have cleared two rounds and stood in top 30 Out of 1500+ teams. They have been mentored by Prof Kalpana Bodke.

✓ Arnav Mandlik(TE-IT) and Hamza (SE-IT) won frist prize at Chakravyuha CTF - a 48 hrs CTF competition organised by L.T. College of engineering on 21- 23rd February 2025

✓ Team Avenger—Damayanti Epili, Bhumika Jinnah, Ishaa Wagh, and Isha Ramakrishna from SE IT secured a spot among the top 42 teams from 300+ in the Fintech domain at the CSI KJ Somaiya Idea Hackathon conducted on 17-18 March 2025.Recognized as one of the top 5 all-women teams.

✓ Akash Konar secured 3rd prize in the XR hackathon for the tourism track organized by K.J.Somaiya

✓ Ms. Swati Kaushal received Job offer from NielsonIQ through campus placement with CTC 4.5L

✓ Mr. Soham Wagh have received Job offer from Rite Technologies with 12K /month for first 6 months.

Faculty achievements:

✓ Dr. Seema R Invited as Judge for Research Paper Presentations – IMRC SIES 2025 organised by SIES school of Business studies on February 15, 2025.

✓ Dr. Divya Chirayil was invited as a judge for Robotics Techfest-―Tech-Innova 2.0‖ organized by Dr. Pillai Global Academy, Panvel on January 18, 2025.

Value-added courses:

✓ Prof. Savita Lohiya and Prof. Sampada Lovalekar organized VAC on Value Added Course on Machine Learning with Real World Applications for 23/6/25 to 28/6/25

Faculty Development Programs:

✓ Department of Information Technology has received AICTE sponsored ATAL FDP for A.Y. 2025-26

   ▪ FDP Title: Generative AI & Data Science: Shaping India's Next Decade of Innovation.

   ▪ Cordinator: Dr. Divya Chirayil

   ▪ Co-ordinator: Dr. Sulochana Madachane.

   ▪ Amount: 3,50,000

Seminars /workshops organized by IT Department:

✓ Prof. Leena Ladge organised Faculty orientation Programme under IQAC on Jan 29, 2025.

✓ Dr. Divya Chirayil arranged Expert talk on " Cyber Security and Ethical Hacking" for TE IT students by Mr. Roshan Thakur,Cyber Security Analyst ,SBI. On 7 Feb 2025

✓ Dr. Seema Redekar arranged Hands-on Python Workshop: Exploratory Data Analysis & Database Connectivity by Ms. Nikita Modi and Mr. Yogesh Patil, Sr. Data Scientiest, PINNACLE INFOTECH (AIIITS) on 11 Feb 2025

✓ Prof.Leena Ladge arranged Career Guidance and Profile Building seminar by Ms. Tanvi Sharma Senior Councellor, Collegepond, Study Abroad on 13 Feb 2025

- Prof. Sampada L.Organized"Expert Talk: Web development and mobile App development" for TE IT students on 14 Feb 2025 by Mr. Mr.Samprit Chaurasiya, Cimpress India

- Prof. Kalpana R Bodke arranged Workshop by Mr. Rakesh Bansilal Kumawat, Full Stack Blockchain Engineer, Member of Toastmasters International on 14 Feb 2025

- Prof. Savita Lohiya organized expert talk on Machine Learning on March 7th 2025 for TE IT students.

- Prof. Savita Lohiya organized seminar on Technical Paper writing on March 17th 2025 for BE IT students.

- Prof. Leena Ladge arranged Workshop on Master Edge Computing by Mr. Abhishek Arora, VP Kloudkraft Consultancy on 19 March 2025

- Prof Prof.Leena Ladge arranged Techxter by Ms. Vaishali Panse and Mr. Christopher Rodrigues , Sr. Director, Capgemini on 21 March 2025

- Prof.Leena Ladge conducted expert talk on topic "Unified Wireless Network; Designing Wireless Networks with Lightweight Access Points and Wireless LAN Controllers" by Mr. Ammar Ansari, NTT Global Networks Engineer - Network Operations on April 08, 2025 for TE IT students.

- Prof. Samundiswary Organized workshop on Building scalable Applications using .NET Framework on March-7, 2025 for TE and BE IT students.

- Prof. Samundiswary Organized Expert session on Efficient way to prepare placement on March-10,2025 for TE IT students

Publications

- Dr. Sulochana M. Published Journal paper "AI-Based Phishing Detection and Automated Response: A Multi-Channel Security Framework for Modern Communication Platforms" in Panamerican Mathematical Journal in Jan 2025.

- Dr. Sulochana M. Published Journal paper "Human-Centric Design for Wearable Technology: Bridging Aesthetic and Functional Aspects in Smart Devices" in Panamerican Mathematical Journal in Jan 2025.

- Dr. Sulochana M. published Journal paper "FinAI: Gamified Finance Learning Platform" in Journal of Information Systems Engineering and Management (Scopus Indexed) in Feb 2025

- Dr. Sulochana M. published Journal paper "Enhancing Phishing Attack Detection Using Explainable AI: Trends and Innovations" in ASEAN Journal on Science and Technology for Development (Scopus).

- Dr.Divya Chairyil Paper presented 15th International Conference on"Science and Innovative Engineering – 2025" (ICSIE – 2025) April 26th – 27th, 2025 organized by (OSIET) Chennai, India.

- Dr.Divya Chairyil presented in national conference on Emerging Trends in Industry 4.0 Technolgies on 6 and 7 June 2025, organized by SIES Graduate School of Technolgy.

- Dr.Divya Chairyil Paper accepted in 7th International conference on Advances in Science and Technology ICAST-2024-25, 20 and 21 June 2025 by KJ Somaiya Institute of Technology

- Prof. Savita Lohiya Presented paper in the 13th International Conference on Contemporary Engineering and Technology 2025 held on 22nd and 23rd March 2025

- Prof. Savita Lohiya Presented paper in IEEE international Conference ICETI4T on women's wellness guide using machine learning on 6th June 2025 at SIES GST, Nerul

- Prof. Sampada L. Paper presented on topic "Agrocure: A Comprehensive Farming solution" in international conference on 6th & 7th May 2025 organized by Department of MCA, G H Raisoni college of Engineering & Management, Nagpur, in collaboration with ICT academy Chennai.

- Prof. Sampada L Paper presented on topic "FitMeal: Smart Meal Planning & nutrition Assistance" in 15th International conference on science & Innovative Engineering - 2025held on 26th & 27th April 2025at Prince Dr. KVasudevan college of Egineering & technology, Chennai.

- Prof. Kalpana R. Bodke presented Paper in - 13TH ICCET 2025- International Conference on Contemporary Engineering and Technology, March 22nd - 23rd, 2025 Chennai, India.

Seminars/workshops/Faculty Development Program attended by IT Department Faculty:

- Dr. Seema Redekar attended Session on eAarjav on Wednesday, February 05 2025.

- Prof. Savita Lohiya attended Session on eAarjav on Wednesday, February 05 2025

- Prof. Samundiswary attended Session on eAarjav on Wednesday, February 05 2025.

- Prof. Samundiswary successfully completed 12-week NPTEL course on "Introduction to Large Language Models (LLMs)".

- Dr. Divya Chairyil Attended one-day UGC-SWAYAM outreach workshop for the states and UTs of "Maharashtra, Gujarat, Goa, Dadar Nagar Haveli, and Daman & Diu" at Savitribai Phule Pune University, Pune on 17th March 2025

- Prof. Sampada L. attended FDP on Gen AI & chatGPT application inthe industry– January 27 31, 2025 Prof. Sampada L attended Session on eAarjav on Wednesday, February 05 2025

- Prof. Kalpana R. Bodke attended ATL FDP on Cyber Security – January 06 -11,2025

- Prof. Kalpana R. Bodke attended Session on eAarjav on Wednesday, February 05 2025

- Prof. Lalita Bhosale attended Session on eAarjav on Wednesday, February 05 2025

- Prof. Lalita Bhosale Completed the ISTE approved Self-Financing Faculty Development Program on "Cybersecurity, AI and Quantum Revolution: Emerging Frontiers in Technology" held during 03-03-2025 to 08-03-2025 organized by Dwarkadas J. Sanghvi College of Engineering,Mumbai, Maharashtra.

- **Quote from the Editor's Desk:**

  "You have to grow from the inside out. None can teach you, none can make you spiritual. There is no other teacher but your own soul."

  – Swami Vivekanada.